

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 7    | (US-20020111621-\$).did. or<br>(US-6197017-\$ or US-5368015-\$<br>or US-5372124-\$ or US-5624380-\$<br>or US-6352503-\$ or<br>US-5217453-\$).did.  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/02/23 11:34 |
| L2    | 2    | 1 and (rotat\$3 with joint)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/02/23 11:35 |
| S1    | 31   | (("4,782,258") or ("4,822,238") or<br>("4,943,296") or ("4,946,421") or<br>("5,086,401") or ("5,113,117") or<br>("5,136,201") or ("5,157,316") or<br>("5,214,727") or ("5,245,885") or<br>("5,265,667") or ("5,293,094") or<br>("5,318,471") or ("5,327,033") or<br>("5,331,232") or ("5,357,807") or<br>("5,528,955") or ("5,778,730") or<br>("5,996,346") or ("6,102,850") or<br>("6,231,565") or ("6,256,134") or<br>("6,374,982") or ("6,398,726") or<br>("6,428,266") or ("6,430,475") or<br>("6,436,107") or ("6,447,443") or<br>("6,454,624") or ("6,470,236") or<br>("6,554,844")):PN. or<br>((2002/0111713) or<br>(2002/0173700) or<br>(2003/0017032) or<br>(2003/0083650) or<br>(2003/0083651) or<br>(2003/0180697)):CCLS. | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2005/02/23 07:06 |
| S2    | 1152 | (600/104-106,118,129,153).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/02/22 08:32 |
| S3    | 9172 | robot\$2 and arm and (joint elbow)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/02/22 09:24 |
| S4    | 26   | S2 and S3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/02/22 08:35 |
| S5    | 1169 | S3 and surg\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/02/22 08:38 |

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| S6  | 1036 | S5 and (extend\$4 retract\$4)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:50 |
| S7  | 558  | S6 and (chamber housing)                                      | US-PGPUB,<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 08:39 |
| S8  | 115  | S7 and (robot\$2 with arm with<br>(joint elbow))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:49 |
| S9  | 110  | S8 and @AD<"20031029"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:26 |
| S10 | 312  | S3 and endoscope and<br>@AD<"20031029"                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 08:57 |
| S11 | 87   | S10 and arm.ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:25 |
| S12 | 5294 | ((robot\$2 articulat\$2) with arm<br>with (joint elbow))      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/23 07:43 |
| S13 | 3496 | S12 and arm.ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:25 |
| S14 | 786  | ((robot\$2 articulat\$2) with arm<br>with (joint elbow)).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:26 |
| S15 | 2076 | ((robot\$2 articulat\$2) with arm<br>with (joint elbow)).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:50 |
| S16 | 1979 | S15 and @AD<"20031029"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:26 |
| S17 | 8    | S16 and (endoscope)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:27 |

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| S18 | 14   | S16 and elongated and tube  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:27 |
| S19 | 154  | S16 and tube  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:31 |
| S20 | 563  | S16 and (extend\$4 retract\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 10:17 |
| S21 | 367  | S16 and (extend\$4 retract\$4).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:29 |
| S22 | 246  | S20 and ((plurality multiple least)<br>with arm)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:51 |
| S23 | 51   | S22 and (tube endoscope)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:34 |
| S24 | 0    | S2 and S20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:34 |
| S25 | 195  | S22 not S23   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:37 |
| S26 | 400  | (endoscope with (plurality multiple<br>least) with (tool grasper forceps<br>arm)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:38 |
| S27 | 276  | S26 and (extend\$4 retract\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:38 |
| S28 | 74   | S27 and (joint elbow)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:39 |
| S29 | 6188 | S3 and (extend\$4 retract\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/22 09:49 |

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| S30 | 2616 | S29 and (arm with (joint elbow))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/22 09:49 |
| S31 | 3011 | S12 and (extend\$4 retract\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/22 09:50 |
| S32 | 593  | S31 and ((robot\$2 articulat\$2) with arm with (joint elbow)).ab.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/22 09:50 |
| S33 | 306  | S32 not S9 not S11 not S17 not S19 not S23 not S25 not S28                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/22 10:19 |
| S34 | 6    | S33 and ((plurality multiple least) with arm)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/22 09:51 |
| S35 | 1666 | ((robot\$2 articulat\$2) with arm with (plurality multiple least two) with (joint elbow)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/22 10:17 |
| S36 | 1040 | S35 and (extend\$4 retract\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/22 10:18 |
| S37 | 322  | S35 and ((extend\$4 retract\$4) with (housing body enclosure tube endoscope))             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/22 10:18 |
| S38 | 206  | S37 not S9 not S11 not S17 not S19 not S23 not S25 not S28 not S32 not S33                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/22 10:20 |
| S39 | 5    | ("5368015") or ("5025778") or ("6352503") or ("5372124") or ("5624380").PN.               | US-PGPUB;<br>USPAT                          | OR | OFF | 2005/02/23 07:06 |
| S40 | 1    | ("3915157").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2005/02/23 07:35 |
| S41 | 7    | ("6352503").URPN.   | USPAT                                       | OR | ON  | 2005/02/23 07:35 |
| S42 | 6    | ("4298260"   "4884557"   "4930494"   "5060632"   "5235964"   "5289043").PN.               | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2005/02/23 07:36 |
| S43 | 20   | ("5624380").URPN.   | USPAT                                       | OR | ON  | 2005/02/23 07:37 |

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| S44 | 14  | ("2082782"   "3227290"   "4427000"   "4468162"   "4509517"   "4607620"   "4655673"   "4727278"   "4944093"   "4982727"   "4999536"   "5074311").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/02/23 07:38 |
| S45 | 30  | ("5372124").URPN.   | USPAT                        | OR | ON | 2005/02/23 07:39 |
| S46 | 27  | ("3834392"   "4343300"   "4499895"   "4572198"   "4573452"   "4601705"   "4621618"   "4633304"   "4672963"   "4758222"   "4785806"   "4788975"   "4790813"   "4791934"   "4875897"   "4887605"   "4974607"   "4996975"   "5078714"   "5104392"   "5125888"   "5203781"   "5217001"   "5217003"   "5217453"   "5228429"   "5259365").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/02/23 07:40 |
| S47 | 83  | ("5368015").URPN.   | USPAT                        | OR | ON | 2005/02/23 07:42 |
| S48 | 774 | ((robot\$2 articulat\$2) with arm with (joint elbow))   | EPO; JPO                     | OR | ON | 2005/02/23 07:43 |
| S49 | 426 | ((robot\$2 articulat\$2) with arm with (joint elbow))   | JPO                          | OR | ON | 2005/02/23 07:45 |
| S50 | 1   | S49 and (surg\$4 endoscope)   | JPO                          | OR | ON | 2005/02/23 07:46 |
| S51 | 178 | ((robot\$2 articulat\$2) adj arm with (joint elbow))  | JPO                          | OR | ON | 2005/02/23 08:02 |
| S52 | 1   | S51 and (surg\$4 endoscope)   | JPO                          | OR | ON | 2005/02/23 08:01 |
| S53 | 1   | S51 and endoscope   | JPO                          | OR | ON | 2005/02/23 08:02 |
| S54 | 14  | S51 and (multiple plurality)  | JPO                          | OR | ON | 2005/02/23 08:02 |